

## DISCUSSION OF PRIOR ART

A brief description of the following patents all deal with the reinforcing of the door -jamb area. These reinforcing methods are described in the following patent numbers 4,648,151; 5,829,098; 5,392,562; 4,782,677; 4,057,275; 4,858,384; 4,510,722; 6,154,926

## JAMB PLATE ASSEMBLY TO REPAIR DOOR -JAMB

The broad purpose of this invention is to cover a torn and unsightly door -jamb when the screws have been torn loose and the wood ripped also to provide a surface to which the jamb bracket may be re-attached.

This invention is related to door closers and particularly to a section of door -jamb. When the section has had the jamb bracket and any reinforcing method (previous patents) torn out of the door -jamb. This can occur in when the door is forcefully opened by high winds. It may also occur when some one forces the door open.

This condition is unsightly and difficult to repair. It requires the damaged part to be drilled out and wood dowels to be glued in the holes where the screws were. It may also require the door closer to be relocated to another position on the door.

There are preventative measures such as re-enforcing of the door -jamb but nothing to cover or repair the damage when or after it has occurred.

This invention is an assembly, which consists primarily of an aesthetic cover plate, which will be aluminum or other material, which has several openings to accommodate screws, which will go through the plate. The screws will then go through the door -jamb and into the rough framing around the door opening. This plate could also be fastened to the door -jamb by other means such as adhesives. This plate will also have several openings which will receive screws to fasten the jamb bracket to the to the plate.

The plate will be aesthetic in appearance and will be universal because one set of openings for the jamb bracket will be close to one end of the plate. This will allow the plate to be mounted close to the top of the door -jamb. Conversely if the plate is inverted it could also be mounted close the bottom of the door -jamb. There are also a series of holes, which will facilitate center mounting, three quarter mounting or end mounting of the jamb bracket to the plate. This will allow the plate to cover different sections of the door -jamb that have been damaged when the screws have been pulled out.

#### DESCRIPTION OF THE PREFERRED EMBODIMENT

FIG. 1, an exploded view, illustrates the end of a conventional hydraulic cylinder 4, which actuates a rod 6, which is in turn fastened by pivot pin 8 to jamb bracket 22. The opposite end of the hydraulic cylinder is fastened to the door (not shown). This controls the manner in which the door is opened and closed as is well known to those skilled in the art.

Jamb bracket 22 is conventional and is formed of sheet metal with two feet on one end and a hole on the opposite end to receive the pivot pin 8. The feet each have two